

3305 Modern Physics Presentations:

The Modern Physics presentation component of the course is designed to accomplish three primary goals.

1. Acquire a working familiarity with some aspect of Modern Physics that we will not cover directly in lecture. For the most part, this concerns topics from Chapters 9 and the first half of 10 because they help undergird the material covered in the course. However, other topics may be chosen with the permission of the instructor.
2. Organize technical material into a coherent document describing this aspect of modern physics. For this project, this means a presentation is generated adhering to basic principles of good presentation design.
3. Deliver the material to a group (the class + instructor) in a logical and ordered way such that the concepts can be adequately understood. This entails a 20 minute presentation. The ability to answer questions on the subject is also important.

We will work thru the generation of your presentations in stages. At each stage, I will require some level of information to review your progress. These are:

- 1) choice of topic, initial outline with primary points (1st Tues. after midterm break)
- 2) Initial 10-point outline of topic main points (1st Thursday after break)
- 2) first draft of slides (3rd Tues. after break)
- 3) complete draft of slides and practice talk of first 3-4 slides (5th Tues. after break, worth 10% of presentation grade)
- 4) final presentation (final week of instruction). You will hand-in a final version of your presentation (PPT or PDF format, and hardcopy)